



20 LITRE DEHUMIDIFIER

MODEL NO: DH20

PART NO: 6470652

OPERATION & MAINTENANCE INSTRUCTIONS



LS0510

INTRODUCTION

Thank you for purchasing this CLARKE product.

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

ENVIRONMENTAL PROTECTION



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment.

R134a is a refrigerant that complies with EEC environmental standards; nonetheless, the refrigerant circuit on the machine should not be punctured. At the end of its working life, consign the air conditioning unit to a special collection centre.

SAFETY WARNINGS



WARNING: IF THE SUPPLY CABLE IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, ITS SERVICE AGENT OR SIMILARLY QUALIFIED PERSONS IN ORDER TO AVOID A HAZARD.

1. Please read these instructions carefully and retain for future reference.
2. Position the mains cable so that it cannot be inadvertently pulled or pinched and where it does not cause a trip hazard
3. This appliance is designed to dehumidify residential environments and must not be used for other purposes.
4. If the appliance requires repair, always contact your CLARKE dealer. Always insist on original spare parts. Repairs carried out by unauthorized persons may be dangerous and invalidate the guarantee.
5. This appliance must only be used by adults. Children should not be allowed to play with this appliance.
6. Do not use extension power cables.
7. Before cleaning or maintenance operations, always unplug the appliance from the power supply.
8. Do not move the appliance by pulling the power cable.
9. Do not install the appliance in rooms containing gas, oil or sulphur. Do not install near sources of heat.
10. Do not use the appliance on inclined surfaces.
11. Keep the appliance at least 50 cm away from inflammable substances (alcohol etc) or pressurised containers (e.g. aerosol cans).
12. Do not rest heavy or hot objects on top of the appliance.
13. Always transport the appliance upright or resting on one side. Remember to drain the tank before moving the appliance. Wait at least 1 hour after transporting the appliance before using it to allow the refrigerant gasses to settle.
14. Do not use the appliance outdoors.
15. Do not obstruct the air inlet or outlet.

ELECTRICAL CONNECTIONS



WARNING! Read these electrical safety instructions thoroughly before connecting the product to the mains supply.

Before switching the product on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 230VAC 50Hz. Connecting it to any other power source may cause damage.

This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.

If the plug has to be changed because it is not suitable for your socket, or due to damage, it should be cut off and a replacement fitted, following the wiring instructions shown below. The old plug must be disposed of safely, as insertion into a mains socket could cause an electrical hazard.

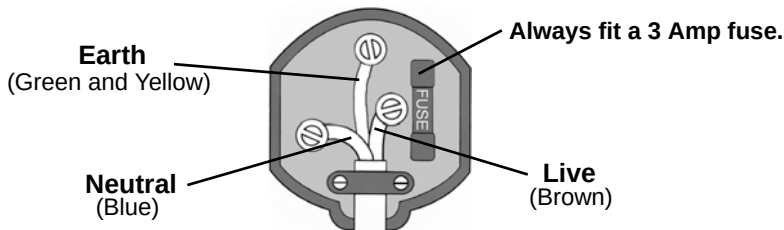


WARNING! The wires in the power cable of this product are coloured in accordance with the following code:
Blue = Neutral Brown = Live Yellow and Green = Earth

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The wire which is coloured **Blue** must be connected to the terminal which is marked **N** or coloured **Black**.
- The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**.
- The wire which is coloured **Yellow and Green** must be connected to the terminal which is marked **E** or  or coloured **Green**.

Plug must be BS1363/A approved.



Ensure that the outer sheath of the cable is firmly held by the clamp

We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD)

If in any doubt, consult a qualified electrician. DO NOT attempt any repairs yourself

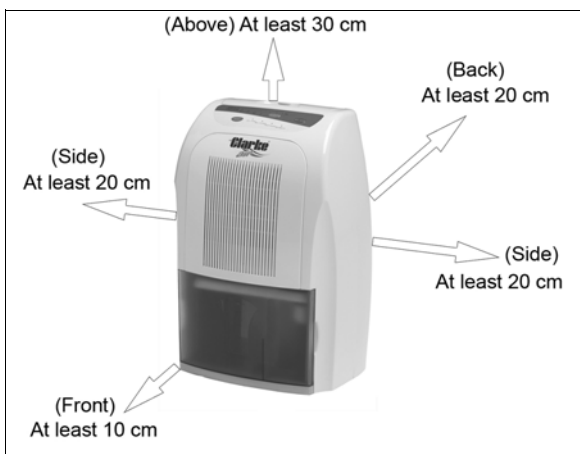
OVERVIEW

NO	DESCRIPTION
1	Control panel
2	Handle
3	Air vent
4	Filter cover / Air inlet
5	Water tank



POSITIONING THE DEHUMIDIFIER

- Position the dehumidifier close to a mains supply socket
- A free space indicated must be left around the dehumidifier, so as not to block the air flow.
- Make sure that the power cable is not placed where it can be inadvertently pulled or pinched and where it does not cause a trip hazard.



OPERATION

SWITCHING ON

Plug into the mains supply socket and switch on. The Automatic indicator will flash.

Press the **ON/OFF** button.

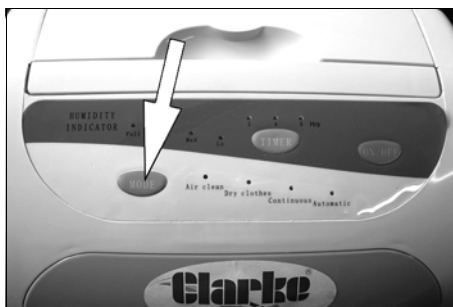
- The Automatic indicator will illuminate.



SELECT MODE

Press the **MODE** button to cycle through the available modes.

- The indicator light will illuminate above your selection.



AUTOMATIC

Used to dehumidify a room or prevent a room from getting mouldy through excessive condensation.

- The dehumidifying functions stops when the humidity falls below 60%, The air cleaning function continues as long as the unit is switched on.

CONTINUOUS

Used to dehumidify a wardrobe:

- Position the dehumidifier with the air inlet facing the open doors.

DRY CLOTHES

Used to dry a carpet or small space or to dry wet clothes faster

- Position the dehumidifier with the air inlet facing wet clothes/carpet.

AIR CLEAN

Used to filter the air

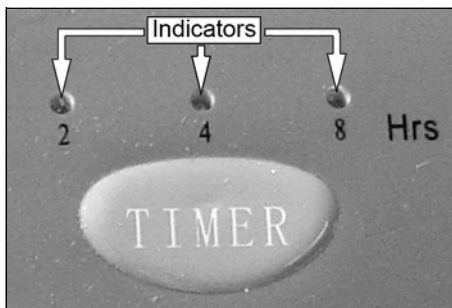
- The filter must be fitted for the air cleaning function to work.

TIMER OPERATION

Press the **TIMER** button to cycle through the timer options: 2 hours, 4 hours or 8 hours.

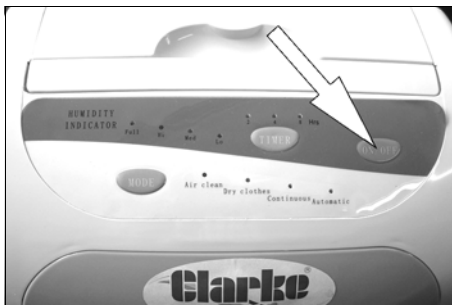
After the time selected has elapsed the dehumidifier will switch off.

NOTE: The timer function works in ALL modes.



SWITCHING OFF

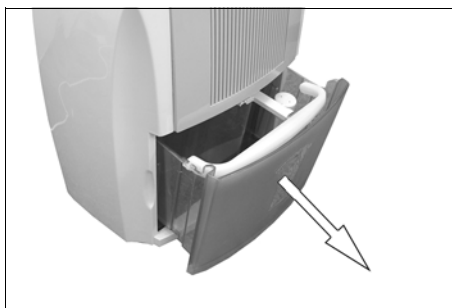
Press the **ON/OFF** button, to turn the dehumidifier off.



EMPTYING THE WATER TANK

1. When the FULL indicator on the panel illuminates, switch off and disconnect from the mains supply.
2. Carefully remove the water tank by placing your fingers in the channel on either side of the tank and pulling forwards, as shown opposite.
3. Discard the water and refill the water tank.

NOTE: The unit will not operate unless the water tank is fitted correctly.

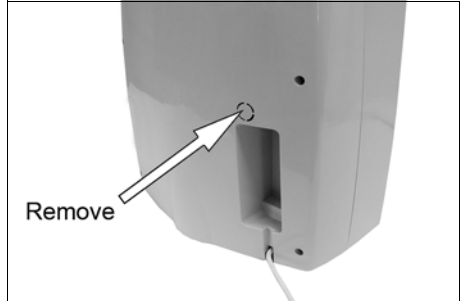


CONTINUOUS DRAINING

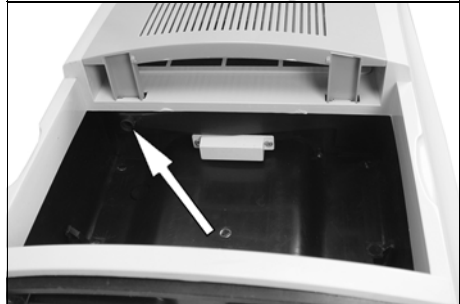
This function enables continuous dehumidifying without having to empty the water tank.

PREPARATION FOR CONTINUOUS DRAINING:

1. Remove the water tank.
2. Make the hose opening.
 - To make the opening, prise the cover for the drain hose away using a screwdriver.



3. Fit the drainage pipe adapter supplied into position shown on the right.
4. Put the drain hose (not supplied) through the hose opening and securely fit the hose to the drainage pipe adapter.
 - The hose should have an internal diameter of 15mm and an outer diameter of less than 20mm.



- Make sure that the drain hose always runs downhill away from the dehumidifier.
5. Replace the water tank.
 - The unit will not operate without the tank in position.

MAINTENANCE



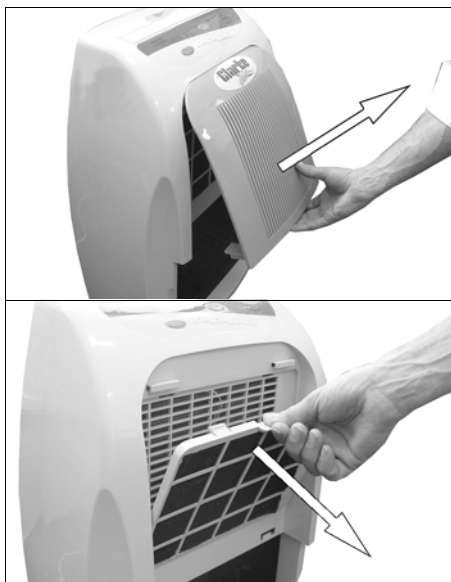
WARNING: ALWAYS UNPLUG THE DEHUMIDIFIER BEFORE PERFORMING ANY CLEANING OR MAINTENANCE OPERATIONS.

CLEANING THE CABINET

- Use a soft damp cloth to clean the exterior.
- Never use harsh chemicals or abrasive cleaning agents as these may damage the casing finish.

CLEANING THE AIR FILTER

1. Remove the water tank.
2. Pull the grill forwards, from the bottom.
3. Remove the filter holder.
4. Unclip the cage at the rear of the filter holder.
5. Wash the filter under running water to remove any dust.
6. Allow the filter to dry naturally.
7. Refitting is the reverse process.



The frequency depends on the duration and the level of dust in the environment.

STORAGE

- Unplug from the mains socket and empty the tank.
- Clean and reinstall the filter.
- Cover the dehumidifier to prevent dust getting into the workings.

TROUBLESHOOTING

	Cause	Solution
No operation	Power cable disconnected	Insert the plug into a power socket.
	Water tank is full	Empty the water tank.
	Water tank is not seated properly.	Replace the tank correctly in position.
	Air vent closed.	Open the air vent.
Dehumidified volume is small	Is the filter dirty?	Clean the filter as specified.
	Check to see if the air inlet is blocked.	Remove dirt from the air inlet.
	The dehumidifier is in 'air clean' mode.	Change the operation mode to the dehumidifying mode.
Operation stops during spot dehumidifying	The room temperature is higher than the usable operating temperature.	Dehumidifying operation will restart automatically when the temperature falls
Washed clothes are not dried	Clothes are not exposed to the air from the unit.	Try to expose the clothes to the air flow.
	Washed clothes are hard to dry when the temperature is low.	Check to see if the room temperature is too low

TECHNICAL SPECIFICATION

Power source	220 to 240 Volts AC 50Hz
Input Power	400W
Water tank capacity	5 Litres
Weight	13.6 kg
Operation temperature	5 - 35 degrees Celsius
Dimensions (LxWxH)	290 mm x 386 mm x 575 mm
Refrigerant	R134a

DECLARATION OF CONFORMITY



Clarke[®]
INTERNATIONAL

Hernnoll Street, Epping, Essex CM16 4LG

DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following directive(s):

2004/108/EC *Electromagnetic Compatibility Directive.*

2006/95/EC *Low Voltage Equipment Directive.*

2002/95/EC *Restriction of Hazardous substances.*

The following standards have been applied to the product(s):

EN 55014-1:2006, EN 55014-2/A1:2006, EN 61000-3-2:2006, EN 61000-3-3/A2:2005,

EN 60335-1/A13:2008, EN 60335-2-40/A:2006, EN 62233:2008

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2009

Product Description: Dehumidifiers

Model number(s): DH10 / 20

Serial / batch Number: n/a

Date of Issue: 15/04/2010

Signed:

J.A. Clarke
Director

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